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Message Text

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ACTION IO-11

INFO OCT-01 EUR-12 EA-09 ISO-00 OES-06 AF-06 ARA-10 NEA-10

ACDA-10 CIAE-00 INR-07 L-03 NSAE-00 NSC-05 EB-07

NRC-07 FEAE-00 DODE-00 ERDA-07 H-02 OIC-02 OMB-01

PA-02 PM-04 PRS-01 SAJ-01 SAM-01 SP-02 SS-15 USIA-15

TRSE-00 COME-00 /157 W
---------- 115857
R 081437Z APR 76
FM USMISSION IAEA VIENNA
TO SECSTATE WASHDC 7367
INFO AMEMBASSY BERLIN
AMEMBASSY BONN
USMISSION EC BRUSSELS
AMEMBASSY BRUSSELS
AMEMBASSY LONDON
AMEMBASSY MOSCOW
AMEMBASSY OTTAWA
AMEMBASSY PARIS
AMEMBASSY STOCKHOLM
AMEMBASSY TOKYO
USERDA GERMANTOWN
AMEMBASSY THE HAGUE

UNCLAS SECTION 1 OF 2 IAEA VIENNA 2807

DEPT PASS IO/SCT

EO 11652: N/A
TAGS: IAEA, TECH, PARM
SUBJ: IAEA DG EKLUND'S VIEWS ON SAFEGUARDS

SUMMARY: IAEA DIRECTOR GENERAL EKLUND WAS INVITED
BY AUSTRIAN LEAGUE FOR UNITED NATIONS TO MAKE A
SPEECH MARCH 17 ON IAEA AND ITS ACTIVITIES WITHIN
UN SYSTEM. SUBSTANTIAL PORTION OF THIS STATEMENT
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WAS DEVOTED TO SAFEGUARDS. EXCERPTS FOLLOW BELOW.

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COMPLETE TEXT POUCHED CAVANAUGH, IO/SCT. END SUMMARY.
1. QUOTE FOR FIFTEEN YEARS THE INTERNATIONAL ATOMIC ENERGY AGENCY HAS BEEN APPLYING SAFEGUARDS...
QUOTE A NEW SITUATION WAS CREATED WHEN, IN MARCH 1970, THE NON-PROLIFERATION TREATY (NPT) CAME INTO FORCE...
THE ACCEPTANCE OF THESE NEW INTERNATIONAL OBLIGATIONS BY A LARGE NUMBER OF STATES (99 ARE PARTIES TO THE NPT) MEANT A MAJORE SHIFT IN THE AGENCY'S SAFEGUARD ACTIVITIES FROM A FACILITY-BY-FACILITY APPROACH TO THE VERIFICATION OF ALL NUCLEAR ACTIVITIES IN A GIVER STATE...
QUOTE THE OBJECTIVE OF THESE SAFEGUARDS IS "THE TIMELY DETECTION OF DIVERSION OF SIGNIFICAN QUANTITIES OF NUCLEAR MATERIAL FROM PEACEFUL NECLEAR ACTIVITIES TO THE MANUFACTURE OF NUCLEAR WEAPONS OR OF OTHER NUCLEAR EXPLOSIVE DEVICES OR FOR PURPOSES UNKNOWN, AND DETERRENCE OF SUCH DIVERSION BY THE RISK OF EARLY DETECTION." THE SYSTEM IS BASED ON MATERIAL ACCOUNTANCY, AND SAFEGUARDS ARE CONCENTRATED ON A LIMITED NUMBER OF KEY MEASUREMENT POINTS, WHERE THE FLOW OR INVENTORY OF NUCLEAR MATERIAL CAN BE DETERMINED. THE EMPHASIS ON KEY MEASUREMENT POINTS RESULTED FROM THE CONCERN OF SEVERAL STATES WITH SIGNIFICANT NUCLEAR PROGRAMMES THAT SAFEGUARDS REMAIN NON-INTRUSIVE AND ALSO THAT COMMERCIAL AND INDUSTRIAL SECRETS TO PRETECTED...
QUOTE AN IMPORTANT AND NOVEL FEATURE OF THE AGENCY'S SAFEGUARDS IN CONNECTION WITH NPT IS THE REQUIREMENT FOR THE STATE TO ESTABLISH ITS OWN SYSTEM OF ACCOUNTING FOR AND CONTROL OF ALL NUCLEAR MATERIAL SUBJECT TO SAFEGUARDS... RELIANCE ON NATIONAL SYSTEMS IS NOT A BOW TO NATIONAL SOVEREIGNTY, BUT A NECESSITY IF A WORLD-WIDE SAFEGUARDS SYSTEM IS TO BE WORKABLE ON A LARGE SCALE. THE SYSTEM IS REALLY A COOPERATIVE VENTURE BETWEEN THE OPERATOR, THE NATIONAL OR REGIONAL SAFEGUARDS AUTHORITY, AND THE IAEA...

2. QUOTE... WE HAVE NOW UNDER SAFEGUARDS APPROXIMATELY THE FOLLOWING QUANTITIES OF NUCLEAR MATERIAL - 6,300 KG PLUTONIUM - 53 TONS ENRICHED
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URANIUM (FISSILE CONTENT) - 3,650 TONS NATURAL URANIUM. IN THE PAST 12 MONTHS, 500 INSPECTIONS WERE CARRIED OUT; 35 PERCENT OF THEM IN POWER PLANTS AND 20 PERCENT IN BULK FABRICATION PLANTS; THE REMAINING PORTION WAS CARRIED OUT IN NON-COMMERCIAL FACILITIES... HOWEVER, HISTORY HAS SHOWN THAT THE APPLICATION OF SAFEGUARDS, IF LIMITED ONLY TO CERTAIN PLANTS IN A COUNTRY, MAY

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NOT BE ENOUGH TO PREVENT THE SPREAD OF NUCLEAR
EXPLOSIVE CAPACITY. I WOULD PERSONALLY CONSIDER
IT MOST UNFORTUNATE IF IN THE NOT TOO DISTANT
FUTURE THERE WOULD BE A GROUP OF COUNTRIES WHICH,
BY THE OPERATION OF COMMERCIAL AGREEMENTS UNDER FACILITY
ORIENTED SAFEGUARDS, HAD ACQUIRED SUFFICIENT TECHNOLOGY
TO ENABLE THEM TO DEVELOP NUCLEAR INSTALLATIONS OF
THEIR OWN DESIGN AND MANUFACTURE WHICH WOULD NOT BE
UNDER OBLIGATORY SAFEGUARDS. THE SOLUTION, IN MY
OPINION, WOULD BE A FIRM COMMITMENT FROM THE MAJOR
MANUFACTURING AND PRODUCING COUNTRIES NOT TO EXPORT
ANY MATERIAL, EQUIPMENT OR FACILITY OR SIGNIFICANT
TECHNOLOGY TO ANY NON NPT COUNTRY UNLESS THAT COUNTRY
HAD AGREED TO ACCEPT IAEA SAFEGUARDS ON ALL ITS
NUCLEAR INSTALLATIONS. IN OTHER WORDS, IF
SUPPLIER STATES WOULD FOLLOW A COMMON POLICY OF
EXPORTING ONLY TO STATES THAT WERE PARTIES TO NPT
OR WHICH HAD ACCEPTED SAFEGUARDS ON ALL THEIR
NUCLEAR ACTIVITIES THE UNIVERSALITY OF THE ALREADY
EXTENSIVE SAFEGUARDS REGIME WOULD BE ASSURED; ONLY
IN THIS WAY, MOREOVER, CAN IT BE ASSURED...

3. QUOTE CONCERN IS EXPRESSED AS TO WHETHER EVEN IN NPT
COUNTRIES THE IAEA SAFEGUARDS ARE ENOUGH...
THESE ARE LEGITIMATE QUESTIONS AND THEY ARE BEING
STUDIED... IT SEEMS TO ME, HOWEVER, THAT
FIRST PRIORITY MUST BE GIVEN TO ENSURE THE
UNIVERSAL APPLICATION OF IAEA SAFEGUARDS. WHILE
THERE ARE STILL FULLY UN-SAFEGUARDED PLANTS

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INFO OCT-01 EUR-12 EA-09 ISO-00 OES-06 AF-06 ARA-10 NEA-10

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IN OPERATION, AND WHILE THERE IS STILL A POTENTIAL
FOR THE FURTHER EXPANSION OF UN-SAFEGUARDED
OPERATIONS, THERE MAY NOT BE MUCH POINT IN WORRYING
ABOUT WHAT CAN HAPPEN IN COUNTRIES THAT HAVE
ACCEPTED, THROUGH NPT OR OTHERWISE, THE APPLICA-
TION OF FULL FUEL CYCLE SAFEGUARDS...

4. QUOTE THE FUTURE OF REPROCESSING IS OPEN TO
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DEBATE. HOWEVER, IF COUNTRIES WOULD WORK TOGETHER
TO ESTABLISH AND OPERATE REGIONAL FUEL CYCLE
CENTERS FOR FABRICATION, REPROCESSING AND PERHAPS
WASTE DISPOSAL, THIS COULD GREATLY FACILITATE THE
APPLICATION OF SAFEGUARDS AND OF PHYSICAL PROTECTION
MEASURES.

5. QUOTE THE TOPIC OF PHYSICAL PROTECTION OF NUCLEAR
MATERIAL AND INSTALLATIONS HAS LATELY BECOME ONE OF
GREAT CONCERN. IT IS BASICALLY THE RESPONSIBILITY
OF THE STATE TO ENSURE THE SECURITY OF ITS NUCLEAR
INDUSTRY AND THE MATERIALS USED IN IT. HOWEVER, CONSE-
QUENCES OF FAILURE OF STATE TO WORK TOGETHER
EFFECTIVELY IN THIS AREA CAN HAVE INTERNATIONAL
IMPLICATIONS. THE AGENCY'S ACTIVITIES HAVE SO FAR
BEEN LIJITED TO THE ELABORATION, WITH THE HELP
OF INTERNATIONAL EXPERTS, OF RECOMMENDATIONS AND
GUIDELINES FOR THE PHYSICAL PROTECTION OF NUCEAR
MATERIAL, IN USE AND STORAGE AS WELL AS IN DOMESTIC
AND INTERNATIONAL TRANSPORT. THE AGENCY IS READY TO

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ADVISE STATES REGARDING PHYSICAL PROTECTION
AND IS PREPARING TO PLAY AN ACTIVE PART IN THE
DEVELOPMENT OF AN INTERNATIONAL CONVENTION IN THIS
FIELD, WHICH SEVERAL STATES HAVE EXPRESSED THE DESIRE
TO SEE ELABORATED. THE IAEA IS ALSO WORKING ON
LEGAL INSTRUMENTS TO COVER PHYSICAL PROTECTION
REQUIREMENTS DURING TRANSPORT....END QUOTE

6. COMMENT: IT IS CLEAR THAT DG FEELS STRONGLY
ABOUT AND CONTINUES TO STRESS THEME OF
DESIRABILITY OF COMMON POLICY AMONG SUPPLIER-STATES
NOT RPT NOT TO EXPORT NUCLEAR MATERIALS AND
FACILITIES TO NON-NUCLEAR-WEAPONS STATES NOT RPT NOT
PARTY TO NPT OR WHICH HAVE OTHERWISE NOT RPT NOT
ACCEPTED IAEA SAFEGUARDS ON ALL THEIR NUCLEAR
ACTIVITIES, AS MEANS OF ACHIEVING UNIVERSALITY OF
IAEA SAFEGUARDS. WHETHER OR NOT THIS IS REALISTIC
AS NEAR TERM GOAL, HOWEVER, AND WHETHER OR NOT
UNIVERSAL APPLICATION OF IAEA SAFEGUARDS IN ITSELF
WILL PRODUCE RESULTS ENVISIONED BY DG, ARE QUESTIONS
WHICH DESERVE SERIOUS STUDY. NEVERTHELESS, WE ARE
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GENERALLY SATISFIED WITH GENERAL THRUST OF DG'S
STATEMENT, WHICH WE BELIEVE MAY ALSO BE OF INTEREST
TO ADDRESSEE POSTS. END COMMENT.STONE

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To: STATE
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